|   |                   |  |                 |              |             |                 |                          |          |          |                 |           | Application No. |           |         |            |                |            |           |        |          |           | Applicant(s) |                |          |   |  |  |  |
|---|-------------------|--|-----------------|--------------|-------------|-----------------|--------------------------|----------|----------|-----------------|-----------|-----------------|-----------|---------|------------|----------------|------------|-----------|--------|----------|-----------|--------------|----------------|----------|---|--|--|--|
| Index of Claims                         |                   |  |                 |              |             |                 |                          |          |          |                 | 10/6/5438 |                 |           |         |            |                |            |           |        |          |           |              |                |          |   |  |  |  |
| . *                                     |                   |  |                 |              |             |                 |                          |          |          |                 | Examiner  |                 |           |         |            |                |            |           |        |          | Art Unit  |              |                |          |   |  |  |  |
|   |                   |  |                 |              |             |                 |                          |          |          |                 |           |                 |           |         |            |                |            |           |        |          |           |              |                |          |   |  |  |  |
| 111111                                  |                   | <u>.                                    </u>     |                 |              |             |                 |                          |          |          |                 | <u> </u>  |                 |           |         |            |                |            |           |        |          |           |              |                |          |   |  |  |  |
|   | (Through num      |  |                 |              |             |                 |                          |          | ora      | al)             |           |                 |           |         |            |                |            |           | Appeal |          |           |              |                |          |   |  |  |  |
|   | √ Rejected        |  |                 | Cancelled    |             |                 |                          |          |          | N Non-Elected   |           |                 |           |         |            |                | ]          | Α         | Appear |          |           |              | ]              |          |   |  |  |  |
|   | = Allowed         |  |                 | + Rostrictod |             |                 |                          |          |          | I Interference  |           |                 |           |         |            | 1              | 0          | Objected  |        |          |           |              |                |          |   |  |  |  |
|   | = AI              | lowed  |                 | + Restricted |             |                 |                          |          |          |                 |           |                 |           |         |            | ]              | Ш          | `         |        |          |           | J            |                |          |   |  |  |  |
|   | im Date           |  |                 |              | Clalm       |                 |                          |          |          |                 | Date Cla  |                 |           |         |            |                |            | n Date    |        |          |           |              |                | _        |   |  |  |  |
| Claim                                   |                   |  |                 |              |             |                 | 7-7-7                    |          |          | TÏT             |           |                 | TI        |         |            |                | 7          | $\Box$    |        |          |           |              |                |          |   |  |  |  |
| Final<br>Original                       | 2/5/04            |  |                 |              |             | Final           | Original                 |          |          | 1               |           |                 |           |         |            | Final          | Original   |           |        |          | П         | :            |                |          |   |  |  |  |
| ا ق                                     | מ                 |  |                 |              | 1.0         | L.              | ŏ                        |          | -        |                 |           |                 |           |         | <u>]</u> : | L              |            |           |        | L        |           |              |                |          | , |  |  |  |
|   | -                 |  |                 |              | ]           |                 | 51                       |          | 1        | $\perp$         |           |                 | 4         | - -     | }          |                | 101        | $\vdash$  |        | ╀        | H         | $\dashv$     | +              | $\dashv$ |   |  |  |  |
| 3                                       | +                 | +++  | $\dashv$        | +            | -           | -               | 52<br>53                 | ╁┼       | +        | ╂-              | Н         | $\dashv$        | 7         | +       |            |                | 103        | Н         | +      |          | $\Box$    | $\exists$    |                |          |   |  |  |  |
| 4                                       |                   | 111  | $\dashv \dashv$ | +            |             | $\vdash$        | 54                       | $\vdash$ | +        | 1               |           | $\exists$       | $\exists$ |         |            |                | 104        |           |        | $\Box$   |           | $\bot$       |                |          |   |  |  |  |
| 5                                       | -                 |  |                 | $\Box$       | 1           |                 | 55                       | $\Box$   | 1        | $\bot$          |           | 4               | 4         |         | 1          |                | 105<br>106 | $\vdash$  | -      | $\vdash$ | $\vdash$  | +            | H              | ㅓ        |   |  |  |  |
| 6 7                                     |                   |  | $\dashv$        |              |             | $\vdash$        | 56<br>57                 | - -      |          | -               |           | $\dashv$        | $\dashv$  |         | 1          | <del> </del> - | 107        | $\vdash$  | +      | ╁        | $\vdash$  | +            | Н              | $\dashv$ |   |  |  |  |
| 8                                       |                   | 111  | $\dashv \dashv$ | +            |             |                 | 58                       | $\vdash$ | - -      |                 |           | 士               | _         |         | ]:::       |                | 108        |           | $\bot$ |          |           | $\perp$      |                | $\Box$   |   |  |  |  |
| 9                                       |                   |  |                 |              | 1           |                 | 59                       | $\Box$   | $\perp$  | $\Box$          |           | $\Box$          | 4         |         |            |                | 109        |           | - -    | _        | $\square$ | +            | -              | $\dashv$ |   |  |  |  |
| 10                                      |                   | +++  | $\dashv$        |              |             |                 | 60<br>61                 | -        | +        | +               | $\dashv$  | -               | +         | +       | -          |                | 110<br>111 | $\vdash$  |        |          | H         | ╁            | <del>†</del> } |          |   |  |  |  |
| 11                                      | <del>:   </del> - | <del>-   -   -  </del>                           | ++              | -            |             | $\vdash$        | 62                       | -        | +-       | H               | +         | +               | +         | ┪       |            |                | 112        | -         |        |          |           | 土            |                |          |   |  |  |  |
| 13                                      | -   -   -         |  |                 | 士            |             |                 | 63                       | 1        | 1        | $\square$       | $\Box$    |                 | 1         |         |            |                | 113        |           | 1      |          | $\dashv$  | $\bot$       | $\sqcup$       | _        |   |  |  |  |
| 14                                      | -                 |  | $\Box$          |              |             |                 | 64                       | 4        | -        | +               | -         |                 | +         | - -     |            |                | 114        | $\dashv$  | ╁      | Н        | $\vdash$  |              | 1-1            | $\dashv$ |   |  |  |  |
| 15                                      | <del>:   -</del>  | <del></del>                                      | ++              | +            |             |                 | 65<br>66                 |          | +        | H               | $\dashv$  | ╅               | +         | -       |            |                | 116        |           |        |          | $\exists$ | 士            |                | コ        |   |  |  |  |
| 17                                      | -11               | 1-1-1  | ++              |              |             |                 | 67                       | 士        | 士        |                 | $\Box$    |                 | 1         |         |            |                | 117        | $\Box$    | $\bot$ | Ш        | $\perp$   | 4            | 1-1            | _        |   |  |  |  |
| 18                                      | -                 |  | $\Box$          |              |             |                 | 68                       | 4-       | 1        | Н               | $\dashv$  | 4               | +         | +       |            |                | 118<br>119 | $\dashv$  | -      | Н        | $\dashv$  | ┰            | Н              | 一        |   |  |  |  |
| <del>} -          </del>                |                   | <del>       </del>                               | ++              |              |             |                 | 69<br>70                 | +        | ╂        | $\vdash$        | $\dashv$  | $\dashv$        | +         | +-      |            |                | 120        | 士         | 1      |          |           |              |                | ゴ        |   |  |  |  |
| }                                       |                   | 1-1-1-   | 11              |              |             |                 | 71                       | 丄        |          |                 | $\exists$ |                 |           | 二二      |            |                | 121        | $\Box$    | Ι.     |          | 4         | +            | $\square$      | ᅴ        |   |  |  |  |
|   | $\cdot \Box \Box$ | Ш  | $\Box$          |              |             |                 | 72                       | 4        | 1        | $\sqcup$        | 4         | 4               | +         |         |            |                | 122<br>123 | +         | +      | Н        | $\dashv$  | ╢            | H              | $\dashv$ |   |  |  |  |
|   |                   | +++  | ++              | 4-1          |             | $\dashv$        | 73<br>74                 | +        | ╂-       | ╁┤              | +         | +               | +         | +       |            | $\neg \neg$    | 124        | $\top$    | +-     |          |           | 土            | П              | $\Box$   |   |  |  |  |
| ) — — — — — — — — — — — — — — — — — — — |                   | 1-1-1  | 11              | 11           |             | $\neg \uparrow$ | 75                       | 工        |          | $\Box$          |           | 1               | 1         | $\perp$ |            |                | 125        | $\Box$    | 1      | П        | 4         | $\bot$       | $\sqcup$       |          |   |  |  |  |
| 26                                      |                   |  |                 | $\Box$       |             |                 | 76                       | ]_       | $\bot$   | П               | +         | 4               | 4-        |         |            |                | 126<br>127 | +         | +-     | Н        | $\dashv$  | ╁            | $\vdash$       | $\dashv$ |   |  |  |  |
| 27                                      |                   | +++  | +-+             | +            | -           |                 | 77<br>7ε                 | -        | +        | $\vdash$        | +         | +               | ╁         | -       |            |                | 128        | $\dashv$  | +      | Н        | 7         | 1            | 1-1            | ゴ        |   |  |  |  |
| 28 -                                    | :                 | ╂╂╂  | ++              | +            | ŀ           |                 | 79                       | •        | t        |                 | 士         | <del> </del>    | 土         |         |            |                | 129        | $\Box$    |        |          | $\Box$    | 1            | П              | $\dashv$ |   |  |  |  |
| 30 -                                    | .1.1.             |  |                 |              |             |                 | 80                       |          | 匚        |                 | 4         | +               | 4-        |         |            |                | 130        |           |        | H        |           | +            | H              | $\dashv$ |   |  |  |  |
| 31 -                                    |                   |  | 44              | +            | -           |                 | 81<br>82                 | +        | ╀        | $\vdash$        | ╁         | ╁               | +         | +       |            | -              | 132        | 7         | +      | Н        | 1         | 1            | 口              | ゴ        |   |  |  |  |
| 32 -                                    |                   |  | ++              | +            | -           |                 | 83                       | +        | 1        | -               |           | 1               | 1         |         |            |                | 133        | $\exists$ |        |          | $\Box$    | Τ.           | $\sqcup$       | 4        |   |  |  |  |
| 34 -                                    |                   |  |                 |              |             |                 | 84                       |          |          | П               | 7         | 7               | 1         | $\bot$  |            |                | 134        | -         |        | $\dashv$ |           | - -          | $\vdash$       | $\dashv$ |   |  |  |  |
| 35 -                                    |                   | <del>                                     </del> | 1-1-            | 4-4          | -           |                 | 85<br>86                 | +        | -        | $\vdash \vdash$ | +         | +               | +         | +       |            | ᅱ              | 136        | 十         | +      | H        | _         | 士            | 口              | ゴ        |   |  |  |  |
| 36 -                                    |                   | <del>                                     </del> | ++              | 1-1          | ŀ           |                 | 87                       | 1        |          |                 | 士         | 土               | 土         |         |            |                | 137        | $\Box$    |        | П        | $\perp$   | T            | $\Box$         | 4        |   |  |  |  |
| 38 -                                    |                   |  | $\Box$          | $\Box$       | Ţ           |                 | 88                       | 1        |          | $\Box$          | T         | Ţ               | 1         | +       |            |                | 138<br>139 | +         |        | $\vdash$ | +         | +            | ╁┤             | $\dashv$ |   |  |  |  |
| 39 -                                    |                   |  | 1-1-            | 4-4          | -           |                 | <b>8</b> 9<br><b>9</b> 0 | - -      | $\vdash$ | ╟╫              | +         | +               | +         | +       |            | $\dashv$       | 140        | 十         | +-     |          | _         | 士            |                | ゴ        |   |  |  |  |
| 40   -                                  | $\rightarrow$     | <del>                                     </del> | ╂┼              | +            | :-}         |                 | 91                       | +        |          |                 | 士         | 士               | 士         |         |            |                | 141        | $\Box$    |        |          | $\supset$ | Ţ            | $\Box$         |          |   |  |  |  |
| 42 -                                    |                   |  |                 | 口            |             |                 | 92                       | $\Box$   |          | П.              | 7         | T               | 7         | $\Box$  |            |                | 142        |           | +      | H        | -         | - -          | ╂┤             | $\dashv$ |   |  |  |  |
| 43 -<br>44 V                            |                   | <del>╎┈╎┈┤</del> ╼                               | -               |              | -           |                 | 93<br>94                 | +        | H        | ╌╂              | +         | +               | +-        | +       |            | $\dashv$       | 144        | +         | +      | $\dashv$ |           | 1            | $\Box$         |          |   |  |  |  |
| 44 V<br>45 V                            |                   | <del>   </del> -                                 | ++              | 1-1          | <b>:</b>  - |                 | 95                       | 1        |          |                 | 1         | 1               | 1         |         |            |                | 145        | $\exists$ | $\bot$ | $\Box$   | $\Box$    | $\bot$       | $\Box$         | $\dashv$ |   |  |  |  |
| 46 1                                    |                   |  | $\Box$          | 77           |             |                 | 96                       | 1        |          |                 |           | $\perp$         | L         |         |            |                | 146        | <u> </u>  |        |          | +         |              | -              | -        |   |  |  |  |

148 149 150